

MULTI-FIBER INTERCONNECT SYSTEM

ABSTRACT OF THE DISCLOSURE

First and second connector housings (20, 26) each hold a corresponding set (22, 30) of numerous fibers, that are coupled when their tips (40, 42) abut, in a low-cost and rugged arrangement. The housings are identical and each has numerous bores (50, 52) extending to a mating face (34, 36). Each fiber is fixed in position in one of the bores, by potting material (64). The diameters of the bores are only slightly greater than the diameters of the fibers, so the potting material helps center the fiber in the end of the bore that lies adjacent to the mating face.

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